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## FACSIMILE COVER SHEET

**DATE:** July 13, 2005  
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**FROM:** William B. Patterson *WB*  
**PAGE(S) with cover:** 10  
**ORIGINAL TO FOLLOW?**  YES  NO

### RESPONSE TO OFFICE ACTION DATED APRIL 13, 2005

**TITLE:** METHODS AND APPARATUS TO CONTROL DOWNHOLE TOOLS  
**U.S. SERIAL NO.:** 10/725,124  
**FILING DATE:** December 1, 2003  
**INVENTOR:** Thomas F. Bailey  
**EXAMINER:** Shane Bomar  
**GROUP ART UNIT:** 3672  
**CONFIRMATION NO.:** 2618

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Atty. Dkt. No. WEAT/0173.C1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:  
Thomas F. Bailey**

Serial No.: 10/725,124

Confirmation No.: 2618

Filed: December 1, 2003

For: METHODS AND APPARATUS  
TO CONTROL DOWNHOLE  
TOOLS

MAIL STOP AMENDMENTS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Group Art Unit: 3672

Examiner: Thomas S. Bomar

Customer No. 36735

<b>CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8</b>	
<p>I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office on</p> <p><u>13 July 2005</u></p> <p><u>William B. Patterson</u></p> <p>Signature William B. Patterson</p> <p>Typed or Printed Name 34,102</p> <p>Registration No., if applicable</p> <p>(713) 629-4844</p> <p>Telephone Number</p>	

**RESPONSE TO OFFICE ACTION DATED APRIL 13, 2005**

In response to the Office Action dated April 13, 2005, having a shortened statutory period for response set to expire on July 13, 2005, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/WEAT/0173.C1/WBP for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper. **Remarks/Arguments** begin on page 6 of this paper.